From:

Whiteman, Brian

Sent:

Monday, April 12, 2004 3:35 PM

To:

STIC-Biotech/ChemLib

Subject:

seq search

09/927,091 Killary et al. 8/9/01

search SEQ ID NO: 1 against us patent and us patent application databases serach SEQ ID NO: 3 against us patent and us patent application databases

Thank you,

Brian Whiteman
Remsen, 2D14
mail box 2C18
Patent Examiner - Art Unit 1635
United States Patent and Trademark Office
(571) 272-0764



Searcher:	
Phone:	
Location:	
Date Picked Up:	. i.
Date Completed: 4//4	No.
Searcher Prep/Review:	AM /
Clerical:	•
Online time:	

TYPE OF SEARCH:
NA Sequences:
AA Sequences:
Structures:
Bibliographic:
Litigation:
Full text:
Patent Family:
Other:

VENDOR/COST (w	here applic.)
STN:	
DIALOG:	
Questel/Orbit:	
DRLink:	
Lexis/Nexis:	
Sequence Sys.:	
WWW/Internet:	
Other (checify):	

us-09-927-091-3.rni

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), NAME/KEY: misc_feature

); LOCATION: 1..3416

); OTHER INFORMATION: /note= "cDNA 44"

US-08-724-394A-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 3416 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CDNA
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Sequence 16, Appl
Sequence 1, Appli
Sequence 1, Appli
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Sequence 2, Appli
Sequence 1, Appli
Sequence 1, Appli
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Sequence 2, Appli
Sequence 1, Appli
Sequence 2, Appli
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Seguence 13, Appl
                                                                        April 13, 2004, 09:59:27; Search time 286 Seconds (without alignments) 7423.923 Million cell updates/sec
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                                                                                                                          Sequence
                                                                                                                                                                                                                                                                                                                                                                        /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-220-132-158
US-08-724-394A-13
US-08-724-394A-13
US-08-56-921-105
US-08-724-394A-16
US-08-658-136-1
US-09-658-136-1
US-09-135-116
US-09-1310-114-2
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US-08-488-568A-11
US-09-165-264-14
US-09-165-264-8
US-09-401-064-354
US-09-401-064-354
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US-09-165-264-7
US-09-486-147-1
US-09-486-147-4
US-09-165-264-13
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                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-616-289-48
US-08-804-227C-7
                                                                                                                                                                                                                    682709 segs, 277475446 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SUMMARIES
                                                                                                                                                                                                                                                                                                         Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                 nucleic search, using sw model
                                                                                                                                                                              IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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                                                                                                                                                                                                                                                                      length: 0
length: 2000000000
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7218
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Match
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72.8
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Maximum DB
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Sequence 17, Appl
Sequence 2, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 1, Appli
                     Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
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TITLE OF INVENTION: Sequences and Antibodies Thereto
NUMBER OF SEQUENCES: 31
ADDRESSORE: TOWNSEND and TOWNSEND and CREW LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CONTRY: USA

CONTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALIAL
COMPUTER: BM PC COMPALIAL
COMPATE: BM PC COMPALIAL
COMPATE: PAPENTIN PC-DOS/MS-DOS
SOFTWARE: PAPENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,394A
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTONNY/AGENT INFORMATION:
FREIEFRATION NUMBER: 35,136
REGISTRATION NUMBER: 35,136
REGISTRATION NUMBER: 35,136
TELEFRONE: 415-576-0200
TELEFRANCA/FORCET UNMBER: 017957-000100
TELEFRANCA/FORCET UNFORMATION:
TELEFRANCA/FORCET UNFORCET UNFORMATION:
TELEFRANCA/FORCET UNFORMATION:
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TELEFRANCA/FORCET U
                                   ALIGNMENTS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Feder, John N.
APPLICANT: Kronmal, Gregory S.
APPLICANT: Lauer, Peter M.
APPLICANT: Ruddy, David A.
APPLICANT: Thomas, Winston
APPLICANT: Trauchihashi, Zenta
APPLICANT: Wolff, Roger K.
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1784 GCAACCAGTACAGCGCCTGCACGGAGCCCTGGACGCGCTTAACGTCCGGGACAAGCTTG 1843
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                                                                                                                                                                                                  1724 GCAAGGGCAGCATCCAGATCCAGCCCAGCCGGGCTTCTACTGCATCGTGATGCACGATG 1783
                                                                                                                                                                                                                                                                                                                                                      1475 GGAAAGAATATTGGGCTCTTACCTCCCCAATGACTGCCCTACCCCTGCGGACCCCGCTCC 1534
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                                           1295 icaarcigriccigreferigeericheerengaachteareeceegeagacarianigee 1354
                                                                                               1664 AGGTGGTGGTGGCGGAGAGACCCAGTGGGTGATCGGGCTGGCACCACGAAGCCGCAAGCC 1723
                                                                                                                                                 1355 AGGTAGAGGTGGGAGATAAAGCCAAGTGGACCATAGGTGTCTGTGAAGACTCTCAGTGTGCA 1414
                                                                                                                                                                                                                                                    1415 GAAAAGGTGGAGTAACCTCAGCCCCCCAGAATGGATTCTGGGCAGTGTCTTTGTGGTATG 1474
1604 TCGATGTGGAGGTGTCGGTGCTGGGTTCTGAAGCCTTCAGTAGTGGCGTCCACTACTGGG 1663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 3
US-08-232-463-14
Sequence 14, Application US/08232463
Fatent No. 5670367
GENERAL INFORMATION:
APPLICANT: DORNER:
TITLE OF INVENTION:
TITLE OF INVENTION:
APPLICANT: FALKNER, F.
APPLICANT: FALKNER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZUCHATALA CONDUCTOR READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
FILING DATE: VANGER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
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INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
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(703)683-4109
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STRANDEDNESS: single
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US-08-232-463-14
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TELEFAX: (
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APPLICANT: Shyjan, Andrew W.
APPLICANT: Shyjan, Andrew W.
TITLE OF INVENTION: PEROSTATE CANCET THERAPIES AND THE DIAGNOSIS OF PROSTATE CANCE TITLE OF INVENTION: WHEREVER CANCE TITLE OF INVENTION: OF PROSTATE CANCER FILE REFERENCE: 07334-074001
CURRENT APPLICATION NUMBER: US 60/079,303
PRIOR APPLICATION NUMBER: US 60/079,303
PRIOR FILING DATE: 1998-12-24
PRIOR APPLICATION NUMBER: US 60/068,821
PRIOR FILING DATE: 1997-12-24
NUMBER OF SEQ ID NOS: 191
                                                                                                                                                                                                                                                                            1489
                                                                                                                        1482 GCCAGCCGCCCTAACCCTGGACCCGGGCACACACCCACCAGCGCCTGATCCTGTCGGACGA 1541
                                                                                                                                                                    1373 GCCTGCGGATGTGATTCTGGATCCAAAACAGCAAACCCCATCCTCCTTGTTTCTGAGGA 1432
                                                                                                                                                                                                                        1542 CTGCACCATTGTGGCTTACGGCAACTTGCACCCACAGCCACTGCAGGACTCGCCAAAGCG 1601
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                                                                                                                                                                                                                                                                                                                                                                                                                           1662 GGAGGTGGTGGTGGCGGAGAAGACCCCAGTGGGTGATCGGGCTGGCACACGAAGCCGCAAG 1721
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2.5%; Score 95.8; DB 4; Length 1782;
Best Local Similarity 52.6%; Pred. No. 9.8e-12;
Matches 233; Conservative 0; Mismatches 207; Indels 3; Gaps
                                                                          Gaps
                                                                       3,
                   Query Match
2.8%; Score 106; DB 2; Length 3416;
Best Local Similarity 53.8%; Pred. No. 7e-14;
Matches 242; Conservative 0; Mismatches 205; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1902 TGACATGTCCTGGCTCTACACCTTCGCGA 1931
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1790 GGATGGATCGCATATTCÁTÁCTTÍCCTGGÁ 1819
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; Sequence 158, Application US/09220132
; Patent No. 6506607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
CORGANISM: Homo sapiens
US-09-220-132-158
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SEQUENCE CHARACTERISTICS:

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                                                                                                                  213 GGGATTTCGACCCCTTAAGGGCTCCACCCCGCTCCGGGATCCCCTTCTCCCAGCTCCTA 272
                                                                                                                                                                        273 TCCCTTAGGACTGCCCCCCCCTAGAACCTCCCCGTCAGGATCTCCGTCAGCTCCTAAGGATCTCCGTCAGGCGC 332
                                                                                                                                                                                                                                                                                                                                                                                                                          TCACAGCCTCCTCCCAGGGCCCCATGGCCTTGAGCTGCCCACTACCTCTAGACTGCCCTCC 392
                                                                                                                                                                                                                                                                                                                                          393 CGGGCTGGCGTCCCACGGAGTCTCAGCCGCGCACCCCTTCCTCGCGTTACCCTTCCG 452
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               513 GGCCCAGCCCTCGGTGCTTCCGACAGCGCCGCGCTCTCTCAGCCGCCCCCCTGCCCC 572
                                               0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Feder, John N.
APPLICANT: Feder, John N.
APPLICANT: Kronmal, Gregory S.
APPLICANT: Lauer, Peter M.
APPLICANT: Ruddy, David A.
APPLICANT: Thomas, Winston
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Megabase Transcript Map: No. 5872237e1
TITLE OF INVENTION: Sequences and Antibodies Thereto
CORRESPONDENCE ADDRESS:
Ouery Match 2.5%; Score 94; DB 1; Length 7218; Best Local Similarity 2.6%; Pred. No. 3.9e-11; Matches 10; Conservative 257; Mismatches 117; Indels
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MEDIUM TYPE: RICAPY disk

COMPUTER: IN PC COMPATIBLE
SECTION NUMBER: US/08/724,394A
FILING DATE: 01-0CT-1996
CLASSIFICATION NUMBER: US/08/724,394A
ATTORNEY/AGENT INFORMATION:
NAME: Fitts, Renee A.
REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 017957-000100
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP STREET: Two Embarcadero Center, 8th Floor CITY: San Francisco
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INFORMATION FOR SEQ ID NO: 13:
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TELEFAX: 415-576-0300
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APPLICANT: Loring, Jeanne F.
APPLICANT: Tringley, Debora W.
APPLICANT: Tringley, Debora W.
TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DISEASE; FILE REFERENCE: PA-0024 US; CURRENT APPLICATION WIMBER: US/09/566,921
CURRENT ALING DATE: 2000-05-05
NUMBER OF SEQ ID NOS: 138
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NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. 6682888 902288.16
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                                                                                                                                        ; NAME/KEY: misc_feature
; LOCATION: 1..2926
US-08-724-394A-13
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LOCATION: 2113-2202
OTHER INFORMATION: a, t, c, g, or other
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LENGTH: 2926 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
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                    TYPE: nucleic
STRANDEDNESS:
                                                                  TOPOLOGY: no
MOLECULE TYPE:
FEATURE:
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LENGTH: 2970
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                                                                   Gaps
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                               2.3%; Score 86.4; DB 4; Length 2970;
52.7%; Pred, No. 1.3e-09;
iive 0; Mismatches 206; Indels 6
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ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ATTORNEY/AGENT INFORMATION:
NAME: Fitts, Renee A.
REGISTRATION NUMBER: 35,136
                                                              Matches 236; Conservative
                                              Similarity
US-09-566-921-105
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                               Query Match
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TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
KUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENEYME CORPORATION
REFERENCE/DOCKET NUMBER: 017957-000100
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APPLICANT: LANDES, GREGORY M
APPLICANT: BURN, TIMOTHY C
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: DACKOMSKI, WILLIAM
APPLICANT: GERMINO, GREGORY
APPLICANT: GERMINO, GREGORY
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STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
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                      TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
TELEPHAX: 415-576-0300
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 3502 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
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MOLECULE TYPE:
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                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN:
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4-17.8
TELECOMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
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TELEFRAX: 508-872-8415
INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
LENGTH: 53526 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Simi:
Matches 251; (
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COUNTRY:
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US-08-658-136-2
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Sequence 1, Application US/08658136 Patent No. 6071717 GENERAL INFORMATION:

RESULT 8 US-08-658-136-1

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2.1%; Score 81.6; DB 3; Length 53577;
Best Local Similarity 50.6%; Pred. No. 4e-08;
Matches 251; Conservative 0; Mismatches 239; Indels 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGATION:
NAME: LASSEN ELIZABETH
REGISTRATION NUMBER: 31,845
REPERENCE/DOCKET NUMBER: GEN4-17.8
TELECPHONE: 508-872-8400
                                                                                                                                                                                      TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                   ADDRESSEE: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASAGHUSETTS
COUNTRY: USA
KLINGER, KATHERINE W
LANDES, GREGORY M
BURN, TIMOTHY C
CONNORS, TIMOTHY D
DACKONERI, WILLIAM
GERMINO, GREGORY
                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CORPATING SYSTEM: PC-DCS/MS-
SOFTWARE: ParentIn Release #
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QIAN, FENG
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J Sequence 16, Application US/09128155

Sequence 16, Application US/09128155

Patent No. 6117654

GENERAL INFORMATION:

APPLICANTY BAI, Yam DEST THEREOF

FILE PREFERENCE: 09404/052001

CURRENT APPLICATION NUMBER: US/09/128,155

CURRENT FILING DATE: 1998-08-03

EARLIER APPLICATION NUMBER: US 60/091,650

EARLIER FILING DATE: 1998-09-03

SARLIER FILING DATE: 1998-09-04

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NUMBER OF SEQ ID NOS: 18

SOFTWARE: FASTSEQ for Windows Version 3.0

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LOCATION: (1)...(1926)
... OTHER INFORMATION: template strand of EBNA-1 DNA
US-09-249-585A-4
APPLICANT: Horlick, Robert
TILLE OF INVENTION: METHOD FOR MAINTENANCE AND
FILE REPERBERGE: 0867/0D905
CURRENT APPLICATION WUMBER: US/09/249,585A
CURRENT FILING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.0
SEQ ID NO 4
LENGTH: 1926
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ORGANISM: Epstein Barr Virus
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ilarity 48.1%; Pred. No. 5.1e-07;
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TITLE OF INVENTION: PSEUDORABIES VIRUS VACCINE NUMBER OF SEQUENCES: 8
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/383,833
FILING DATE: 21-JUL-1989
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
1.9%; Score 74.4; DB 3; Length 320;
Best Local Similarity 52.2%; Pred. No. 2.7e-07;
Matches 165; Conservative 0; Mismatches 151; Indels
                                                                                            Sequence 7, Application US/09165264

Patent No. 6197510

GENERAL INFORMATION:
APPLICANT: Vinayagamcorthy, Thuraiayah

TITLE OF INVENTION: Multi-Loci Genomic Analysis

FILE REFERENCE: 44747

CURRENT APPLICATION NUMBER: US/09/165,264

CURRENT FILING DATE: 1998-10-01

NUMBER OF SEQ ID NOS: 14

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 7

LENGTH: 320
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Darrell O. Ricke
No. 6627745man A. Doggett
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Patent No. 6627745
GENERAL INFORMATION:
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Francis S. Collins
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                                                                 RESULT 14
US-09-165-264-7/c
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                      APPLICANT: The Government of the United States of America, as APPLICANT: represented by the Secretary, Department of Health and Human
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1.9%; Score 74.6; DB 4; Length 3
Best Local Similarity 50.1%; Pred. No. 5.5e-07;
Matches 241; Conservative 0; Mismatches 234; Indels
                                                                                                                                                                                                                                                                                                                                      AFLILCANT: MOCAGECHAI PRAB
APPLICANT: MOCAGECHAI PRAB
TITLE OF INVENTION: FAMILIAL MEDITERRANEAN FEVER
FITLE OF INVENTION: FAMILIAL MEDITERRANEAN FEVER
FILE REFERENCE: 14014 0.31401
CURRENT FILING DATE: 2000-08-07
CURRENT FILING DATE: 1000-08-07
PRIOR APPLICATION NUMBER: DCT/US98/17255
PRIOR APPLICATION NUMBER: 60/056,217
PRIOR APPLICATION NUMBER: 60/056,217
PRIOR PILING DATE: 1997-08-21
NUMBER PILING DATE: 1997-08-21
NUMBER PERSON DOS: 45
SOFTWARE: FRASESQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 3470
                                                                                                                                                                                          Francis S. Collins
Trevor Blake
Trevor Blake
Paul Liu
Deborah Gumucio
Robert I. Richards
Darrell O. Ricke
No. 6627745man A. Doggett
Moraechai Pras
                                                                                                              Ivona Aksentijevich
Michael Centola
Zuoming Deng
Raman Sood
                                                                                          Daniel L. Kastner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-486-147-2
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9
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APPLICANT: Moraechai Pras
TITLE OF INVENTION: IDENTIFICATION OF THE GENE CAUSING
TITLE OF INVENTION: PAMILIAL MEDITERRANBAN FEVER
FILE REFERENCE: 14014.031401
CURRENT APPLICATION NUMBER: US/09/486,147
CURRENT FILING DATE: 2000-08-07
PRIOR APPLICATION NUMBER: PCT/US98/17255
PRIOR PLING DATE: 1998-08-20
PRIOR FILING DATE: 1998-08-21
NUMBER OF SEQ ID NOS: 45
SEQ ID NO 1
LENGTH: 16891
                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature

; LOCATION: (0)...(0)

; OTHER INFORMATION: n = a, t, c, or g

US-05-486-147-1
                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: homo sapiens
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Search completed: April 13, 2004, 12:25:50 Job time : 290 sece

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April 13, 2004, 10:43:37; Search time 47 Seconds (without alignments) 2657.352 Million cell updates/sec
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2504
1 MACSLKDELLCSICLSIXQD.......GQSHANGKNVQPLRINTVRI 475
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| cgn2_6/ptodata/2/pubpaa/USO7_PUBCOWB.pep:*
| cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB_Pep:*
| cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB_Pep:*
| cgn2_6/ptodata/2/pubpaa/USO6_PUBGOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO6_PUBGOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO7_NEW_PUB_Pep:*
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| cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB_Pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Perfect score:
Sequence:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

		ų.	1, Appli	2, Appli	Sequence 466, App	466, App	Sequence 943, App	Sequence 2, Appli	3 2615, Ap	Sequence 3482, Ap	s 3664, Ap	e 74, Appl	97,	97,	99	e 99, Appl	72,
		Description	Sequence 1, Appli	Sequence 2, Appl	Sequence	Sequence 466,	Seguence	Segnence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Seguence	Sequence
SUMMARIES		ΩI	US-09-927-091-1	US-09-927-091-2	US-09-731-872-466	US-09-876-997-466	US-09-925-301-943	US-10-276-372-2	US-10-094-749-2615	US-10-104-047-3482	US-10-104-047-3664	US-10-093-463-74	US-10-024-298A-97	US-10-042-211A-97	US-10-024-298A-99	US-10-042-211A-99	US-10-093-463-72
		DB		σ	σ	10	σ	14	15	15	15	15	14	14	14	14	12
		Query Match Length DB	475	304	200	500	580	485	485	471	468	4675	465	465	465	465	4691
	₩	Query Match	100.0	52.4	24.5	24.5	23.3	22.0	21.6	20.0	20.0	19.9				19.5	19.0
		Score	2504	1312	613	613	583	550.5	541.5	501	200	499.5	492	492	489	489	475.5
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US-10-108-260A US-10-042-865-1 US-10-000-897-1	2 US-10-221-625-8 2 US-10-114-270-1 2 US-10-042-865-6 2 US-10-042-865-6 5 US-10-104-047-3	US-09-764-868-103 5 US-10-094-749-30 4 US-10-319-763-19 5 US-10-262-445-345 US-10-262-445-345 US-10-262-445-345	US-09-955-866-1 US-09-896-738-1 US-10-041-319- US-10-104-047- US-09-910-174A- US-09-986-480- US-09-986-4	4.4. 014.4. D
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118 118 118	22222	3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		4 4 4 4 4 0 4 5 6 4 5

## ALIGNMENTS

RESULT 1  US-09-927-091-1  US-09-927-091-1  Sequence 1, Application US/09927091  Patent No. US20020119541A1  GENERAL INFORMATION:  APPLICANT: ELLARY ANN  APPLICANT: CHANDLER, DAWN  TITLE OF INVENTION: TETUS  TITLE OP INVENTION: THE TUMOR SUPPRESSOR CAR-1  FILE REPERENCE: UTSC:651US  CURRENT APPLICATION NUMBER: US/09/927,091  CURRENT APPLICATION NUMBER: 60/227,560  PRIOR PLING DATE: 2001-08-23  PRIOR PLING DATE: 2000-08-10  PRIOR PLING DATE: 2000-08-10  NUMBER OF SEQ ID NOS: 9  SOFTWARE: Patentin Ver: 2.1  SEQ ID NO 1  LENGTH: 475  TYPE: PRT  ORGANISM: Human  US-09-927-091-1	Query Match Best Local Similarity 100.0%; Pred. No. 8.8e-202; Matches 475; Conservative 0; Mismatches 0; Indels 0; Gaps	QY 1 MACSLKDELLCSICLSIYQDPVSLGCEHYFCRRCITEHWVRQEAQGARDCPECRRTFAEP Db 1 MACSLKDELLCSICLSIYQDPVSLGCEHYFCRRCITEHWVRQEAQGARDCPECRRTFAEP Db	61	OY 121 EQHQVTGIDDAFDELQRELKDOLQALQDSEREHTEALQLLKRQLAETKSSTKSLRTTIGE
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APPLICANT: Dumas Milne Edwards, Jean Baptiste
APPLICANT: Dumas Milne Edwards, Jean Baptiste
APPLICANT: Bengueleret, Lydie
APPLICANT: Bengueleret, Lydie
APPLICANT: Bengueleret, Lydie
APPLICANT: Jobert, Severin
TITLE OF INVENTION: FULL-LENGTH HUMAN CDNAS ENCODING POTENTIALLY SECRETED PROTEINS
FILE REFERENCE: 79 build. APPL
CURRENT APPLICATION NUMBER: US 60/169, 629
PRIOR APPLICATION NUMBER: US 60/169, 629
PRIOR APPLICATION NUMBER: US 60/187, 470
PRIOR APPLICATION NUMBER: US 60/187, 470
NUMBER OF SEQ ID NOS: 482
SOFTWARE: Patent.pm
SEQ ID NO 466
LENGTH: 500
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               68 LANIVERYSSFPLDAILNARRAARPCQAH-DKVKLFCLTDRALLCFFCDEPALH--EQHQ 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             150 FLQISDAVHFFMEELAIQGQLETTLKELQTLRNMQKEAIAAHKENKLHLQQHVSMEFLK 209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      270 LKDITTLIHSLEQGMKVLATRELISRKLNLGQYKGPIQYMVWREMQDTLCPGLSPLTLDP 329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       302 GTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVEVSVLGSEAFSSGVHYWEVVVAEKT 361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  125 VTGIDDAFDELQRELKDQLQALQDSEREHTEALQLLKRQLAETKSSTKSLRTTIGEAFER 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8 BLLCSICLSIYODPVSLGCEHYFCRRCITEHWVRQBAQGARDCPECRRTFAEPALAPSLK 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               38 ELHCPLCNDWFRDPLMLSCGHNFCEACIQDFWRLQAKE--TFCFECKMLCQYNNCTFNPV 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         245 LAGVASLSERLKG--KIHET-NLTYEDFPTSKYTGPLQYTIWKSLFQDIHPVPAALTLDP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          185 LHRLLRERQKAMLEBLEADTARTLTDIBQKVQRYSQQLRKVQEGAQILQERLAETDRHTF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        422 YDQGLLIFYNADDMSWLYTFREKFPGKLCSYFSPGQSHANGKNVQPLRI 470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       24.5%; Score 613; DB 9; Length 500;
31.6%; Pred. No. 8.7e-43;
tive 83; Mismatches 222; Indels
                       Sequence 466, Application US/09731872
Patent No. US20020102604A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 31.6%,
Matches 148; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT CRGANISM: Homo sapiens US-09-731-872-466
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US-09-876-997-466
     US-09-731-872-466
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                                                                                                                                                                                        241 RHTFLAGVASLSERLKGKIHETNLTYEDFPTSKYTGPLQYTIWKSLFQDIHPVPAALTLD 300
                                                                                                                                                                                                                                          PGTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVEVSVLGSEAFSSGVHYWEVVVAEK 360
                                                                                                                                                                                                                                                                            TQWVIGLAHEAASRKGSIQIQPSRGFYCIVMHDGNQYSACTEPWTRLNVRDKLDKVGVFL 420
                                                                                                                                                                                                                                                                                                                                                                        361 TQWVIGLAHEAASEKGSIQIQPSRGFYCIVMHDGNQYSACTEPWTRINVRDKLDKVGVFL 420
121 EQHQVTGIDDAFDELQRELKDQLQALQDSEREHTEALQLLKRQLAETKSSTKSLRTTIGE 180
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52.4%; Score 1312; DB 9; Length 304;
Best Local Similarity 91.8%; Pred. No. 7.46-102;
Matches 257; Conservative 2; Mismatches 5; Indels 16
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Sequence 2, Application US/09927091
Sequence 2, Application US/09927091
Sequence 3, Application US/09927091
Sequence 3, Application US/09927091
Septiment Carabata, Ann
APPLICANT: KILLARY, ANN
APPLICANT: CHANDLER, DAWN
TITLE OF INVENTION: THE TUMOR SUPPRESSOR CAR-1
FILE REFERENCE: UTSC:651US
CURRENT FILING DATE: 2001-08-09
PRIOR PILING DATE: 2001-08-09
PRIOR PELICATION NUMBER: 60/227, 50
PRIOR PILING DATE: 2000-08-10
PRIOR PELING DATE: 2000-08-10
SOFTWARE: PATCHING VET: 2.1
SEQ 1D NO 2.
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TYPE: PRT
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Sequence 466, Application US/09876997

Publication No. US2030152921A1

GENERAL INFORMATION:
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APPLICANT:
BOUGUELETE, LUGIE
APPLICANT:
FILE REFERENCE: 78.US4.CIP
CURRENT FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US/09/876,997
PRIOR APPLICATION NUMBER: US 09/731,872
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 270 IKDITTLIHSLEQGMKVLATRELISRKINLGQYKGPIQYMVWRBWQDTLCPGLSPLTLDP 329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVEVSVLGSEAFSSGVHYWEVVVAEKT 361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LANIVERYSSFPLDAILNARRAARPCQAH-DKVKLFCLTDRALLCFFCDEPALH--EQHQ 124
                                                                                                                                                                                                                                                                                                                                             96 LDKLVEKIKKLPL-----LKGHPQCPEHGENLKLFSKPDGKLICFQCKDARLSVGQSKE 149
                                                                                                                                                                                                                                                                                                                                                                                      125 VTGIDDAFDELQRELKDQLQALQDSEREHTEALQLLKRQLAETKSSTKSLRTTIGEAFER 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LAGVASLSERLKG--KIHET-NLTYEDFPTSKYTGPLQYTIWKSLFQDIHPVPAALTLDP 301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    362. OWVIGLAHEAASRKGSIQIQPSRGFYCIVMHDGNQYSACTEPWTRLNVRDKLDKVGVFLD 421
                                                                                                                                                                                                                                                                                    ELLCSICLSIYODPVSLGCEHYFCRRCITEHWVROBAQGARDCPECRRTFAEPALAPSLK 67
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Sequence 943, Application US/09925301

Batent No. US20200203308A1

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies

FILE REFERENCE: PA106

CURRENT APPLICATION NUMBER: US/09/925,301

CURRENT FILING DATE: 2001-08-10

PRIOR FILING DATE: 2000-03-08

PRIOR FILING DATE: 1999-03-12

NUMBER OF SEQ ID NOS: 1694

SOFTWARE: Patentin Ver. 2.0

LENGTH: 580
                                                                                                                                                                                                Length 500;
                                                                                                                                                                                                  Query Match

24.5%; Score 613; DB 10; Length 5
Best Local Similarity 31.6%; Pred. No. 8.7e-43;
Matches 148; Conservative 93; Mismatches 222; Indels
PRIOR FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: US 60/187,470
PRIOR FILING DATE: 2000-03-06
PRIOR FILING DATE: 1999-12-08
NUMBER OF SEQ ID NOS: 482
SOFTWARE: Patent.pm
SOFTWARE: PATENT NUMBER: SEQ ID NOS: 482
SEQ ID NO 466
LENGTH: 500
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FEATURE:
NAME/KEY: SITE
LOCATION: (52)
                                                                                                                                          TYPE: PRT
CORGANISM: Homo sapiens
US-09-876-997-466
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SERBARAL INFORMATION:

APPLICANT: Bahr, Georges

APPLICANT: Cocude, Cecile

APPLICANT: Cocude, Cecile

APPLICANT: Cocude, Cecile

APPLICANT: Capron, Addre

ITILE OF INVENTION: SAS-56 KDa Polypeptide and its Fragments and Polynucleotides

ITILE OF INVENTION: Encoding Said Polypeptide and Therapeutic Uses

TITILE OF INVENTION: Encoding Said Polypeptide and Therapeutic Uses

FILE REFERENCE: 017753-171

CURRENT APPLICATION NUMBER: US/10/276,372

CURRENT FILING DATE: 2000-05-17

PRIOR FILING DATE: 2000-05-17

PRIOR FILING DATE: 2001-03-12

PRIOR FILING DATE: 2001-03-12

NUMBER OS SEQ ID NOS: 29

SOUTHWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 2

LENGTH: 485

TYPE: PRI

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; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids; NAME/KEY: SITE; DOCATION: (73); OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids US-09-925-301-943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      115 DEPALHEQHOVTGIDDAFDELQRELKDQLQALQDSEREHTEALQLLKRQ-----LAE 166
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                                                                                                                                                                                                                                                            Query Match 23.3%; Score 583; DB 9; Length 580; Best Local Similarity 29.1%; Pred. No. 3.6e-40; Matches 153; Conservative 89; Mismatches 178; Indels 106;
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US-10-276-372-2
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SEQ ID NO 2615 LENGTH: 485

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Best Local Similarity 29.3%; Pred. No. 1.5e-37;
Matches 150; Conservative 94; Mismatches 181; Indels 87; Gaps 17;
                                                                                                                                                                                                   69 LRPNWQLANVVEKVRLIRIHPGMGLK--GDLCERHGEKLKMFCKEDVLIMCEACSQSPEH 126
                                                                                                                                                                                                                                                                                                     388 SPHYGFWVIRLRKGNEYRAGTDEYPILSLPVPPRRVGIFVDYBAHDISFYNVTDYGSHIF 447
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      236 LAETDRHTFLAGVASLSERLKGKIHETNLTYEDFPTSKYTGPLQYTIWKSLFQDI---- 290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     291 ------HPVPAAL--------------TLDPGTAHQRLILSDDCTIVAYG 320
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  269 RSKSWSLQQPEPISLELKTDCRVLGLREILKTYAADVRLDPDTAYSRLIVSEDRKRVHYG 328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    321 NLHPQPLQDSPKRFDVEVSVLGSEAFSSGVHYWEVVVAEKTQWVIGLAHEAASRKGSIQI 380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 381 QPSRGFYCIVMHDGNQYSACTEPWTRLNVRDKUGKYGVFLDYDQGLLIFYNADDM-SWLY 439
                                                                                                                                                                         62 LAPSLKLANIVERYSSFPLDAILNARRAARPÇQAH-DKVKLFCLTDRALLCFFCDEPALH 120
                                                                                                                                                                                                                                                                        121 EQHQVTGIDDAFDELQRELKDQLQALQDSEREHTEALQLLKRQLAET-KSSTKSLRTTIG 179
                                                                       4 SLKDELLCSICLSIYODPVSLGCEHYFCRRCITEHW-VROEAGG-ARDCPECRRTFAEPA 61
                                                                                                    180 BAFERLHRLLREROKAMLEELEADTARTLTDIEQKVQRYSQQLR----KVQEGAQILQER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  440 TF-REKFPGKLCSYFSPGOSHANGKNVOPLRI 470
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APPLICANT: OTSUKA, KAORU
APPLICANT: RAGAI, KEIICHI
APPLICANT: RAGAI, KEIICHI
APPLICANT: TAMEGHIKA, ICHIRO
APPLICANT: TAMEGHIKA, ICHIRO
APPLICANT: SEKI, NAOHIKO
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: YOSHIKAWA, TSUTOMU
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CURRENT PILING DATE: 2002-01-24
PRIOR APPLICATION NUMBER: JP 2001-328381
PRIOR APPLICATION NUMBER: JP 2001-328381
PRIOR PILING DATE: 2001-09-14
NUMBER OF SEQ ID NOS: 3381
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Sequence 2615, Application US/10094749
Publication No. US20030219741A1
GENERAL INFORMATION:
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OTSUKI, TETSUJI
WAKAMATSU, AI
SATO, HIROYUKI
ISHII, SHIZUKO
YAMAMOYO, JUN-ICHI
ISONO, YUUKO
HIO, YUUKO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          173 SLRTTIGEAFERLHRLLRERQKAMLEELEADTARTLTDIEQKVQRYSQQLR----KVQEG 228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 229 AQILQERLAETDRHTFLAGVASLSERLKGKIHETNLTYEDFPTSKYTGPLQYTIWKSLFQ 288
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 322 RKRVHYGDTW-QKLPDNPERFYRYNIVLGSQCISSGRHYWEVEVGDRSEWGLGVCKQNVD 380
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                                                                                                                                                                                                                                                                                                                                                                                                                                 SINDERVACPICMTFLREPMSIDCGHSFCHSCLSGLREIPGESQNW-----GYTCPLCR 61
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21.6%; Score 541.5; DB 15; Length 485;
Best Local Similarity 28.5%; Pred. No. 8.5e-37;
Matches 148; Conservative 94; Mismatches 176; Indels 101; Gaps
                                                                                                                                                                                                                                                                                                                                                                          4 SLKDELLCSICLSIYQDPVSLGCEHYFCRRCI-----TEHWVRQEAQGARDCPECR
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20.0%; Score 501; DB 15; Length 471;
Best Local Similarity 29.4%; Pred. No. 2.1e-33;
Matches 143; Conservative 91; Mismatches 208; Indels 44; Gaps
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Publication No. US20030236392A1

GENERAL INFORMATION:
TITLE OF INVENTION: No. US20030236392A1e1 full length cDNA
FILE REPERENCE: H1-A0105

CURRENT APPLICATION NUMBER: US/10/104,047

CURRENT FILING DATE: 2002-03-25

PRIOR FILING DATE: 2002-03-25

NUMBER OF SEQ ID NOS: 4096

SOFTWARE: PATOR CONSTANT OF SEQ ID NOS: 4096

SEQ ID NO 3 82

LENGTH: 471
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TYPE: PRT CORGANISM: Homo sapiens US-10-094-749-2615
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; ORGANISM: Homo sapiens
US-10-104-047-3482
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US-10-104-047-3482
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Db 9 NLQEESSCPICLEYLKDPVTINCGHNFCRSCLSVSWKDLDDTFPCPVCRFCFPYKSFR 66	
Qy 64 PSLKLANIVERYSSFPLDAILNARRAARPCQAHDK-VKLFCLTDRALLCFFCD 115	QY 237 AETDRHTFLAGVASLSERLKGKIHETNLTYEDFPTSKYTGPLQYTIWKSLFQ 288
Db 67 RNPQLRNLTEIAKQLQIRRSKRKRQKENAMCEKHNGFLTLFCVKDLEILCTQCS 120	Db 230 AQIESSSQSSAFESL-EBVRGALERSEPLLLQCPEATTTELSLCRITGMKE 279
Qy 116 EPALHEQHQVTGIDDAFDELQRELKDQLQALQDSEREHTEALQLLKRQLAETKSSTKSLR 175 Db 121 FSTKHOKHYICPIKKAASYHREILEGSLEPLRNNIERVEKVIILQGSKSVELKKKVEYKR 180	QY 289 DIHPVPAALTLDPGTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVEVSVLGSEAFSS 348 :
176 TIIGEAFERLHRILRERQKAMLEELEADTARTITDIEQKVQRYSQQLRKVQEGAQILQER	Qy 349 GVHYWEVVVAEKTQWVIGLAHEAASRKGSIQIQPSRGFYCIVMHDGNQYSA-CTEPWTRL 407
	408
234 LREVEGKSVQSNLELLTQ-AKSMHHKYQNLKCPELFSFRLTKYGFSLPPQYSGLDRI	399
Qy 290 IHPVPAALTLDPGTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVEVSVLGSEAFSSG 349	Qy 467 PLRI 470 
Qy 350 VHYMEVUVAEKTQWVIGLAHEAASRKGSIQIQPSRGFYCIVMHDGNQYSACTEPWTRL 407	63 - 1
Qy 408 NVRDKLDKYGVPLDYDQGLLIFYNADDMSWLYTPREKFPGKLCSYFSPGQSHANGKNVQP 467	; Sequence 74, Application US/10093463 ; Publication No. US20030208039A1 ; GENERAL INFORMATION: AppliCANT: Padigaru, Muralidhara
LRINTV 473	
	; APPLICANT: Gueev, Vladimir ; APPLICANT: Pochart, Pascal ; APPLICANT: Zhong, Mei
RESULT 9	; APPLICANT: Rastelli, Luca ; APPLICANT: Messe, Peter ; APPLICANT: Glanda
US-10-104-047-3664 ; Sequence 3664, Application US/10104047 ; Publication No. US20030236392A1	Guo, Xiaojia Gerlach, Valerie
GENERAL INFORMATION: APPLICANT HELLY RESERRCH INSTITUTE THIS OF INVENTOR INCOME.	Casman, S Boldog, F Li, Li
04,047	
NT FILING DATE: 2002-( APPLICATION NUMBER:	
; PRIOR FILING DAIE: ; NUMBER OF SEQ ID NOS: 4096 ; SOFTWARE: Patentin Ver. 2.1	
; SEQ ID W See+ ; IENGTH: 468 ; TYPE: PRT	; APPLICANT: Gorman, Linda ; APPLICANT: Spederna, Steven
; ORGANISM: Homo sapiens US-10-104-047-3664	
Query Match 20.0%; Score 500; DB 15; Length 468; Best Local Similarity 27.5%; Pred. No. 2.5e-33; Matches 133; Conservative 91; Mismatches 212; Indels 48; Gaps 11;	; APPLICANT: Patturajan, Meera ; APPLICANT: Miller, Charles ; APPLICANT: Taupier, Raymond J. Jr. ; THTE OF INVENTION: No. 18200330208033Alel Antibodies that Bind to Antigenic Polypept
QY 4 SLKDELLCSICLSIYQDPVSLGCEHYFCRRCITEHWVRQEAQGARDCPEGRRTFAEFALA 63	VENTION: Encoding The Antigens, and Methods of Use.  INCE: 21402-290A (Cura 590AT)  ILICATION NUMBER: US/10/093,463
Qy 64 PSIKIANIVERYSSFPLDAILNARRAARPCQAHDKVKIFCLTDRALLCFFCDEPA 118	祖の田
119 LHEQHQYTGIDDAF	; PRIOR FILING DATE: 201-12-03 ; PRIOR APPLICATION NUMBER: 60/274,281 ; PRIOR PRIVING DATE: 2001-03-08
DD 117 AQSHGANRVHLSSEAEEHHREKLQEILNILRVRRKEAQAVITHEKERVKLCQEETKTCKQ 176	APPLICATION NUMBER: FILING DATE: 2001-03
Qy 177 TIGBAFERLHRILRERQKAMLBBLBADTARTLTDIBQXVQRYSQQLRXVQBGAQILQERL 236 : :   : :   :   :   : : : : :	; PRIOR APPLICATION NUMBER: 60/325,681 ; PRIOR FILING DATE: 2001-09-27

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ALAPSLKLANIVERYSSFPLDAILNARRAARPCQAH-DKVKLFCLTDRALLCFFCDEPAL 119
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        180 BAFBRLHRLLRERQKAMLBELBADTARTLT---DIBQKVQRYSQQLR------KVQEG 228
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  289 DIHPVPAALTLDPGTAHORLILSDDCTIVAYGNLHPOPLOD-SPKRFDVEVSVLGSEAFS 347
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               387 YCIVMHDGNQYSACTEPWTRLNVRDKLDKVGVFLDYDQGLLIFYNADDMSWLYTFRE-KF 445
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19.6%; Score 492; DB 14; Length 465;
Best Local Similarity 29.3%; Pred. No. 1.2e-32;
Matches 137; Conservative 80; Mismatches 206; Indels 4
                                                                                                                                                                               4642 SGTLRPLFSP 4651
                                                                                        446 PGKLCSYFSP 455
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CAGANISM: Homo sapiens
US-10-024-298A-97
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             243 TFLAGVASLSERLKGKIHETNLTYEDFPTSKYTGP---LQYTIWK------SLFQDIH 291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LQDSPKRPDVEVSVLGSEAFSSGVHYWEVVVAEKTQWVIGLAHEAASRKGSIQIQPSRGF 386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         113 FCDEPALHEQHQVTGIDDAFDELQRELKDQLQALQDSEREHTEALQLLKRQLAET----K 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TDIEGKVQRYSQQLRKVQEGAQILQBRLAETDRH 242
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19.9%; Score 499.5; DB 15; Length 4675;
Best Local Similarity 27.2%; Pred. No. 7.4e-32;
Matches 166; Conservative 68; Mismatches 187; Indels 189; Gaps
PRIOR APPLICATION NUMBER: 60/304,354
PRIOR FILING DATE: 2001-07-10
PRIOR FILING DATE: 2001-03-30
PRIOR FILING DATE: 2001-03-30
PRIOR FILING DATE: 2001-03-30
PRIOR FILING DATE: 2001-06-89
PRIOR FILING DATE: 2001-06-89
PRIOR APPLICATION NUMBER: 60/294,899
PRIOR PELING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: 60/29,027
PRIOR FILING DATE: 2001-06-18
PRIOR FILING DATE: 2001-06-18
PRIOR FILING DATE: 2001-06-18
PRIOR FILING DATE: 2001-06-18
PRIOR FILING DATE: 2001-04-04
PRIOR PRIOR APPLICATION NUMBER: 60/274,194
PRIOR FILING DATE: 2001-03-08
PRIOR PRILING DATE: 2001-03-08
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US-10-093-463-74
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344 SGRRYFEVDVGEGTGWDLGVCMENVQRGTGMKQEPQSGFWTLRLCKKKGYVALTSPPTSL 403
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                                                                                                       19.6%; Score 492; DB 14; Length 465; llarity 29.3%; Pred. No. 1.2e-32; Conservative 80; Mismatches 206; Indels 4
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                                                                           408 NVRDKLDKVGVFLDYDQGLLIFYNADDMSWLYTF-REKFPGKLCSYF
                                                                                                                                                                                                                                    PUBLICATION NO US20030170719A1
SEQUENCE 97. Application US/10042211A
PUBLICATION NO US20030170719A1
GENERAL INFORMATION:
TITLE OF INVENTION: NFKB Activating Gene
TITLE OF INVENTION: NFKB Activating Gene
CURRENT APPLICATION NUMBER: US/10/042,211A
CURRENT FILING DATE: 2002-01-11
PRIOR PELLING DATE: 2000-10-28
PRIOR PELLING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: UP 2001-254018
PRIOR APPLICATION NUMBER: US 60/258,315
PRIOR APPLICATION NUMBER: US 60/258,315
PRIOR APPLICATION NUMBER: US 60/258,315
PRIOR PILING DATE: 2001-03-26
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PRIOR PELLING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 60/314,385
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Best Local Similarity
Matches 137; Conserv
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US-10-042-211A-97
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121 HKGHTTALVEDVCQGYKEKLQKAVTKLKQLEDRCTEQKLSTAMRITKWKEKVQIQRQKIR 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61 ALAPSLKLANIVERYSSFPLDAILNARRARRPCQAH-DKVKLFCLTDRALLCFFCDEPAL
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19.5%; Score 489; DB 14;
Best Local Similarity 29.3%; Pred. No. 2.1e-32;
Matches 137; Conservative 79; Mismatches 207;
                                                                                                                                 APPLICANT: AATO FALSULA
APPLICANT: SAATO FALSULA
APPLICANT: Shuji MURAMATSU
APPLICANT: Shuji MURAMATSU
APPLICANT: Shuji MURAMATSU
APPLICANT: Wickko MAGANO
FILE REFERENCE: 1254-0191P
CURRENT APPLICATION WUMBER: 60/314,385
PRIOR FILING DATE: 2001-08-24
PRIOR FILING DATE: 2001-08-24
PRIOR FILING DATE: 2001-08-24
PRIOR FILING DATE: 2001-08-24
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION WUMBER: 60/258,315
PRIOR APPLICATION WUMBER: JP0089912/2001
PRIOR FILING DATE: 2001-08-24
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2000-12-28
PRIOR FILING DATE: 2000-12-28
SOFTWARE: PATENTIN VORS: 182
SOFTWARE: PATENTIN VET: 2.0
                                                                        APPLICANT: ASAHI KASEI KABUSHIKI KAISHA
APPLICANT: Akio WATSUDA
APPLICANT: Goichi HONDA
Sequence 99, Application US/10024298A Publication No. US20030143540A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             , ORGANISM: Homo sapiens
US-10-024-298A-99
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Shenoy, Suresh Kekuda, Ramesh Gusev, Vladimir Pochart, Pascal

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Vernet, Corine
Pena, Carol
Burgess, Catherine
Bury Xiaohong
Spytek, Kimberly
Gorman, Linda
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Zerhusen, Bryan
Tchernev, Velizar
Gangolli, Esha
                                                                                                              Zhong, Mei
Rastelli, Luca
Mazes, Peter
Smithson, Glennda
Guo, Xiaojia
Gerlach, Valerie
Casman, Steenc
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19.5%; Score 489; DB 14; Length 465;
Best Local Similarity 29.3%; Pred. No. 2.1e-32;
Matches 137; Conservative 79; Mismatches 207; Indels 44; Gaps
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US-10-042-211A-99

Sequence 99, Application US/10042211A

Publication No. US20030170719A1

GENERAL INFORMATION:
APPLICANT: MATSUDA, Akio et al.
TITLE OF INVENTION: NFWB Activating Gene
FILE REFERENCE: 1254-0192P

CURRENT APPLICATION: NWEB Activating Gene
FRIOR APPLICATION NUMBER: US/10/042,211A

CURRENT FILING DATE: 2002-01-11

PRIOR FILING DATE: 2000-12-28

PRIOR APPLICATION NUMBER: UP 2001-08912

PRIOR APPLICATION NUMBER: US 60/254018

PRIOR APPLICATION NUMBER: US 60/254018

PRIOR FILING DATE: 2001-03-26

PRIOR FILING DATE: 2000-12-28

PRIOR FILING DATE: 2000-12-28

PRIOR FILING DATE: 2000-12-28

PRIOR FILING DATE: 2000-13-36

PRIOR APPLICATION NUMBER: US 60/278,640

PRIOR PILING DATE: 2001-03-26

PRIOR APPLICATION NUMBER: US 60/278,640

PRIOR PILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 182

SOFTWARE: PatentIn Ver. 2.0

LENGTH: 465
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CORGANISM: Homo sapiens
US-10-042-211A-99
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APPLICANT: Spyler, Kimberly
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APPLICANT: Spyler
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RESULT 15
US-10-093-463-72
Sequence 72, Application US/10093463
Publication No. US20030208039A1
GENERAL INFORMATION:
APPLICANT: Padigaru, Muralidhara

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셤 ò us-09-927-091-1.rapb

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3886 DRVPKCPENGFWVVQLSKGTKYLSTFSALTPVMLMEPPSHMGIFLDFEAGEVSFYSVSDG 3945
                                                                                                                                                                                                                                         3547 REMSPORNLIENKLITKVAEMAQQHP-----GLQKQDLCQEHHBPLKIFCQKDQSPICV 3600
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                                                                                                                                                                                                                                                                                      113 FCDEPALHEQHQVTGIDDAFDELQRELKDQLQALQDSEREHTEALQLLKRQ-LAFTKSST 171
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                                                                                                                                               1 MACSLKDELLCSICLSIYODPVSLGCEHYFCRRCITEHWV-----RQEAQGARDCPEC
                                                                                Query Match
19.0%; Score 475.5; DB 15; Length 4691;
Best Local Similarity 27.3%; Pred. No. 7.88-30;
Matches 137; Conservative 84; Mismatches 214; Indels 67; Gaps
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; LENCTH: 4691
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-093-463-72
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Search completed: April 13, 2004, 10:49:57 Job time : 48 secs

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Sequence Seq

US-09-910-174B-15
US-09-620-461-15
US-08-274-394A-1
US-09-327-983-6
US-09-327-983-5
US-09-36-147-43
US-09-63-600A-104
US-09-230-156-5
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US-09-486-147-42
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US-09-621-976-4209

ALIGNMENTS

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GENERAL INFORMATION:

APPLICANT: Feder, John N.
APPLICANT: Kronmal, Gregory S.
APPLICANT: Howas, Winston
APPLICANT: Taudry, Peter M.
APPLICANT: Taudry, Peter M.
APPLICANT: Taudry, Bavid A.
APPLICANT: Taudrihashi, Zenta
APPLICANT: Taudrihashi, Zenta
APPLICANT: Taudrihashi, Zenta
APPLICANT: Taudrihashi, Zenta
APPLICANT: Taudrihashi, Zenta
APPLICANT: Mosfewar K.
TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el
TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el
TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el
TITLE OF INVENTION: Sequences and Antibodies Thereto
NUMBER OF SEQUENCES: 31
CORRESPENT TWO Endarcadero Center, 8th Floor
CITY: San Francisco
STREET: Two Endarcadero Center, 8th Floor
CITY: San Francisco
STRATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER: Tele Poppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: Petentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA: 1966
ATTORNEY APPLICATION NUMBER: 35, 136
REGISTRATION NUMBER: 35, 136
REFERENCE/DOCKET NUMBER: 35, 136
REFERENCE/DOCKET NUMBER: 35, 136
REFERENCE/DOCKET NUMBER: 35, 136
REFERENCE/DOCKET NUMBER: 35, 136
REFERENCE/DOCKET NUMBER: 35, 136
REFERENCE/DOCKET NUMBER: 35, 136
TELEPAX: 415-576-0200
INPORMATION: PROPER APPLICATION
TELEPAX: 415-576-0200
INPORMATION POR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 487 amino acids
TTPE: AMINO APPLICATION
TTELEPAX: 415-576-0200
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Patent No. 5872237
GENERAL INFORMATION:
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TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FRATTOR:
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FEATURE:
NAME/KEY: Region
LOCATION: 1.487
OTHER INFORMATION:
US-08-724-394A-7
TYPE: amino a STRANDEDNESS:
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US-08-724-394A-7
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Copyright (c) 1993 - 2004 Compugen Ltd.
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APPLICANT: Feder, John N.
APPLICANT: Kronmal, Gregory S.
APPLICANT: Ruddy, David A.
APPLICANT: Thomas, Winston
APPLICANT: Thomas, Winston
APPLICANT: Twochindshi, Zenta
APPLICANT: Twochindshi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Megabase Transcript Map: No. 5872237e1
TITLE OF INVENTION: Sequences and Antibodies Thereto
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND and TOWNSEND and CREW LLP
STREET: Two Embarcadero Center, 8th Floor
                                       49;
  Length 487;
                                       Indels
                                                                                7 DELLCSICLSIYODPVSLGCEHYFCRRCITEHWVRQEAQGARD--
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,394A
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
Query Match 21.8%; Score 546.5; DB 2; Best Local Similarity 30.4%; Pred. No. 4.7e-43; Matches 150; Conservative 92; Mismatches 202;
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Daniel L. Kastner
Ivona Aksentijevich
Michael Centola
Zuoming Deng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      10 MMBEATCSICLSLMTNPVSINCGHSYCHLCITDPPKNPSQKQLRQETFCCPQCRAPFHMD
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                                                                                                                                                                                                                                                                                                                                                                                                     Length 485;
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29.3%; Pred. No. 2.5e-37;
ive 80; Mismatches 213; Indels
                                         35,136
3R: 017957-000100
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Patent No. 6627745
ATTORNEY/AGENT INFORMATION:
NAME: Fitts, Renee A.
REGISTRATION NUMBER: 35,136
REFERENCE/DOCKET NUMBER: 0179:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
TELEFAX: 415-576-0300
INFORMATIC NOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 485 amino acids
                                                                                                                                                                                                                      SS: not relevant
not relevant
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Trevor Blake
P. Paul Liu
                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 29.3%
Matches 137; Conservative
                                                                                                                                                                                                                                                                 MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                            LOCATION: 1..485
; OTHER INFORMATION:
US-08-724-394A-8
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STRANDEDNESS: not
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US-09-486-147-3
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RESULT 5
US-09-486-147-37
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Sequence 38, Application US/09486147
Sequence 38, Application US/09486147
Sequence 38, Application US/09486147
GENERAL INFORMATION:
APPLICANT: The Government of the United States of America, as APPLICANT: Services
APPLICANT: Services
APPLICANT: Daniel L. Kastner
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APPLICANT: Debort I. Richards
APPLICANT: Robert I. Richards
APPLICANT: Robert I. Richards
APPLICANT: Darrell O. Ricke
APPLICANT: No. 662746sman A. Doggett
APPLICANT: No. 662746sman A. Doggett
TITLE OF INVENTION: IDENTIFICATION OF THE GENE CAUSING
TITLE OF INVENTION: PAMILIAL MEDITERRANBAN FEVER
FILE REFERENCE: 14014.031417
CURRENT APPLICATION NUMBER: US/09/486,147
CURRENT FILING DATE: 2000-08-07
PRIOR PRILING DATE: 1998-08-20
PRIOR APPLICATION NUMBER: 60/056,217
PRIOR APPLICATION NUMBER: 60/056,217
PRIOR FILING DATE: 1997-08-21
SEQUENCE OF SEQ ID NOS: 456
SEQ ID NO SEQ ID NOS: 456
SEQ ID NO SEQ ID NOS: 456
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Best Local Similarity 25.2<sup>3</sup>
Matches 132; Conservative
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ORGANISM: homo sapiens
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US-09-486-147-3
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60 VEVGNKTAMDVGMASESSNRKGKIKLNPRNGYWAIMLRNGNAFKALESPSKTLNLTSKPS 119
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                                                              APPLICANT: ALCOUNTS CONDING
APPLICANT: Rancis S. Collins
APPLICANT: Francis S. Collins
APPLICANT: Trevor Blake
APPLICANT: Trevor Blake
APPLICANT: Peul Liu
APPLICANT: Peul Liu
APPLICANT: Robert I. Richards
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APPLICANT: Describle Fran A. Doggett
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16.8%; Score 421; DB 4; Length 17
Best Local Similarity 47.7%; Pred. No. 7.3e-32;
Matches 84; Conservative 28; Mismatches 62; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Raman Sood
Francis S. Collins
Trevor Blake
P. Paul Liu
Deborah Gumucio
Robert I. Richards
Darrell O. Ricke
No. 6627745man A. Doggett
Moraechai Pras
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Patent No. 6627745
GENERAL INFORMATION:
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Michael Centola
Zuoming Deng
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Daniel L. Kastner
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US-09-486-147-38
Michael Centola
Zuoming Deng
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60 PALAPSLKIANIVERYSSFPLDAILNARRAARPCQAH-DKVKLFCLTDRALLCFFCDEPA 118
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396 GYWVIGLQNKCKYGA 410
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Best Local Similarity 46.2%; Pred. No. 1.7e-29;
Matches 80; Conservative 28; Mismatches 63; Indels
   PRIOR FILING DATE: 1998-08-20
PRIOR APPLICATION NUMBER: 60/056,217
PRIOR FILING DATE: 1997-08-21
NUMBER OF SEQ ID NOS: 45
SOFTWARE: Ragised for Windows Version 4.0
SEQ ID NO 37
TENGTH: 178
TYPE: PRI
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Best Local Similarity 26.4
Matches 115, Conservative
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US-09-486-147-37
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ORGANISM: Homo sapiens
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; LOCATION: -37..-1
US-09-663-600A-198
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LENGTH: 413
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                281 TIWKSLFQDIHPVP---AALTLDPGTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVB 337
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                                                                                     LHEQHQVTGIDDAFDELQRELKDQLQALQDSEREHTEALQLLKRQLAETKSSTK----SL 174
                                                                                                                                       338 VSVLGSEAFSSGVHYWEVVVAEKTOWVIG------LAHEAASRKG-SIQIQPSR 384
66 EHLOANOHLANIVERLKEVKLSPDNGKKRDL--CDHHGEKLLLFCKEDRKVICWLCERSQ 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  175 RITIGEAFERLHRLLREROKAMLEELEADTARTLTDIEQKVORYSQQLRKVQE-----
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US-09-486-147-36
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Best Local Similarity 42.9%; Pred. No. 6.2e-25;
Matches 75; Conservative 28; Mismatches 68; Indels
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APPLICANT: Ivona Aksentijevich
APPLICANT: Zuoming Deng
APPLICANT: Zuoming Deng
APPLICANT: Zuoming Deng
APPLICANT: Rancis S. Collins
APPLICANT: Trevor Blake
APPLICANT: Trevor Blake
APPLICANT: Robert I. Richards
APPLICANT: Robert II. Richards
APPLICANT: Robert II. Richards
APPLICANT: Robert II. Richards
APPLICANT: Robert II. Richards
APPLICANT: No. 6627745man A. Doggett
APPLICANT: No. 6627745man A. Doggett
APPLICANT: No. 6627745man A. Doggett
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APPLICANT: No. 6627745man A. Doggett
APPLICANT: No. 662
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      280 YTIWK-SLFQDIHPVPAALTLDPGTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVEV 338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    339 SVLGSEAFSSGVHYWEVVVAEKTOWVIGLAHEAASR-KGSIQIQPSRGFYCIVMHDGNQY 397
                                                                                        416
                                                                                                                      62 VGDKAKWTIGVCEDSVCRKGGVTSAPQNGFWAVSLWYGKEYWALTSPWTALPLRTPLQRV 121
297 LTLDPGTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVBVSVLGSBAFSSGVHYWBVV 356
                              3 VTLDPDTAXPSLILSDNLRQVRYSYLQ-QDLPDNPERFNLFPCVLGSPCFIAGRHYWEVE 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               383 CVLGCENFISGRHYWEVEVGDRKEWHIGVCSKNVERKKGWVKWTPENGYWTMGLTDGNKY
                                                                                             357 VAEKTOWVIGLAHEAASRKGSIQIQPSRGFYCIVMHDGNQYSACTEFWTRLNVRDKLDKV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           226 QEGAQILQERLAETDRHTFLAGVA----SLSERLKGKIHETNLTYEDFPTSKYTGPLQ
                                                                                                                                                                                                                                                                                                                                        Sequence 16, Application US/09910174B

Parent No. 6630575

JERNERAL INFORMATION:
JAPPLICANT: Coyle, Anthony J.
APPLICANT: Goyle, Anthony J.
APPLICANT: Manning, Stephen
JITLE OF INVENTION: B7-H2 Molecules, No. 6630575el Members of the B7
TITLE OF INVENTION: Family and Uses Thereof
TITLE OF INVENTION: Family and Uses Thereof
TITLE OF INVENTION: Panily and Uses Thereof
TITLE OF INVENTION: B7-H2 Molecules, No. 6630575el Members of the B7
TITLE OF INVENTION: Family and Uses Thereof
TITLE OF INVENTION: Panily and Uses Thereof
TITLE OF INVENTION: Panily and Uses Thereof
CURRENT APPLICATION NUMBER: US/09/910,174B
CURRENT FILING DATE: 2000-07-20
PRIOR PELING DATE: 2000-07-20
NUMBER OF ERQ ID NOS: 32
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16
LENGTH: S84
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             18; Gaps
                                                                                                                                                                                        417 GVFLDYDQGLLIFYNADDMSWLYTF-REKFPGKLCSYFSPGQSHANGKNVQPLRI 470
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
13.5%; Score 339; DB 4; Length 584;
Best Local Similarity 37.1%; Pred. No. 2.8e-23;
Matches 83; Conservative 41; Mismatches 82; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             398 SACTEPWTRINVRDKLDKVGVFLDYDOGLLIFYNADDMSWLYTF 441
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Patent No. 6635750

GENERAL INFORMATION:
APPLICANT: Coyle, Anthony J.
APPLICANT: Graser, Christopher C.
APPLICANT: Manning, Stephen
TITLE OF INVENTION: B7-H2 Molecules, No. 66357;
TITLE OF INVENTION: Family and Uses Thereof
FILE REFERENCE: 5800-149
CURRENT APPLICATION NUMBER: US/09/620,461
CURRENT APPLICATION NUMBER: 2000-07-20
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Homo sapiens
US-09-910-174B-16
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US-09-910-174B-16
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226 QEGAQILQERLAETDRHTFLAGVA-----SLSERLKGKIHETNLTYEDFPTSKYTGPLQ 279
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Patent No. 6627745
GENERAL INFORMATION:
APPLICANT: The Government of the United States of America, as APPLICANT: Trepresented by the Secretary, Department of Health and Human APPLICANT: Services
                                                                                                                                                                                                                                                                                                                                                                                                              280 YIIWK-SLFQDIHPVPAALTLDPGTAHORLILSDDCTIVAYGNLHPQPLQDSPKRFDVEV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SVLGSEAFSSGVHYWEVVVAEKTQWVIGLAHEAASR-KGSIQIQPSRGFYCIVMHDGNQY
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13.4%; Score 335.5; DB 4; Length 184;
Best Local Similarity 42.2%; Pred. No. 9.5e-24;
Matches 73; Conservative 27; Mismatches 70; Indels 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence:/ No. CTHER INFORMATION: Synthetic construct US-09-486-147-35
                                                                                                                                                                            Length 584;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  443 RALTEPRINLKLPEPPRKVGIFLDYBTGEISFYNATDGSHIYTF 486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   398 SACTEPWTRINVRDKLDKVGVFLDYDQGLLIFYNADDMSWLYTF 441
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CURRENT FILING DATE: 1998-08-20
PRIOR APPLICATION NUMBER: PCT/US98/17255
PRIOR APPLICATION NUMBER: PCT/US98/17255
PRIOR APPLICATION NUMBER: G0/056,217
PRIOR APPLICATION NUMBER: G0/056,217
PRIOR APPLICATION NUMBER: G0/056,217
PRIOR PLING DATE: 1997-08-21
SEQ ID NO 35
LENGTH: 184
                                                                                                                                                                      Query Match
Best Local Similarity 37.1%; Pred. No. 2.8e-23;
Matches 93; Conservative 41; Mismatches 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Daniel I. Kastner
Ivona Aksentijevich
Michael Centola
Zuoming Deng
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ORGANISM: Artificial Sequence
; SEQ ID NO 16
; LENGTH: 584
; TYPE: PRT
; ORGANIEM: Homo sapiens
US-09-620-461-16
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LDPGTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVEVSVLGSEAFSSGVHYWEVVVA 358

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                                                                                                                                     359 EKTQWVIGLAHEAASRKGSIQIQPSRGFYCIVMHDGNQYSACTEPWTRLNVRDKLDKVGV 418
                                                                                                                                                                                               64 DKTAWILGACKTSISRKGNYTLSPENGYWVVIMMKENEYQASSVPPTRLLIKEPPKRVGI 123
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   308 LIEELRWRSIQYASRGERHSA-----PALID 345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               301 PGTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVEVSVLGSBAFSSGVHYWEVVVAEK 360
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US-09-910-174B-18

Sequence 18, Application US/09910174B

Sequence 18, Application US/09910174B

Sequence 18, Application US/09910174B

Sequence 18, Application US/09910174B

Sequence 18, Application:
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13.1%; Score 329; DB 4; Length 513;
Best Local Similarity 34.1%; Pred. No. 2e-22;
Matches 89; Conservative 40; Mismatches 86; Indels 46; Gaps
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APPLICANT: Fraeer, Christopher C.
APPLICANT: Fraeer, Christopher C.
APPLICANT: Manning Stephen
TITLE OF INVENTION: B7-42 Molecules, No. 6635750el Members of the B7
TITLE OF INVENTION: Pamily and Uses Thereof
FILE REPERSONCE: $800-149
CURRENT APPLICATION NUMBER: US/09/620,461
CURRENT FILING DATE: 2000-07-20
                                                                                                                                                                                                                                                                                                                 419 FLDYDQGLLIFYNADDMSWLYTFRE-KFPGKLCSYFSPGQSHANGKNVQPLRI 470
                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 32
SOFTWARE: FastSEQ for Windows Version 4.0
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DYETGDISFYNAVDGSHIHTF 485
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
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LENGTH: 513
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202 ADTARTLTDI------EQKVQRYSQQLRKVQEGAQILQERLAETDRHTFLAGVA 249
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                                                                                                                                                                                                                                                                                                                                                                                                   308 LIEELRWRSIQYASRGERHSA------YNEWKKALFK-----PADVILD 345
                                                                                                                                                                                                                                                                                                                                                                                                                                              301 PGTAHQRLILSDDCTIVAYGNLHPQPLQDSPKRFDVEVSVLGSEAFSSGVHYWEVVVAEK 360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    361 TQWVIGLAHEAASRKGSIQIQPSRGFYCIVWHDGNQYSACTEPWTRLNVRDKLDKVGVFL 420
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                                                                                                                                                                                                                          46; Gaps
                                                                                                                                                                             DB 4; Length 513;
                                                                                                                                                                        13.1%; Score 329; DB 4; Length 51. 34.1%; Pred. No. 2e-22; ive 40; Mismatches 86; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Krommal, Gregory S.
APPLICANT: Lauer, Peter M.
APPLICANT: Ruddy, David A.
APPLICANT: Thomas, Winston
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Megabase Transcript Map: No. 587223
TITLE OF INVENTION: Sequences and Antibodies Thereto
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESS: TOWNSEND and TOWNSEND and CREW LLP
STREET: Two Embarcadero Center, 8th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    017957-000100
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 18
LENGTH: 513
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT AFFELLORALION NUMBER: US/08/724,394A
PILING DATE: 01-0CT-1996
CLASSIFICATION: 536
ATTORNEY INFORMATION:
NAME: FILE, Renee A.
REGISTRATION NUMBER: 017957-00010:
TELEPHONE: 415-576-0200
TELEPHONE: 415-576-0200
TELEPHONE: 415-576-0300
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             421 DYDOGLLIFYNADDMSWLYTF 441
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 5, Application US/08724394A ; Patent No. 5872237
                                                                                                                                                                        Query Match
Best Local Similarity 34.1%
Matches 89; Conservative
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                                                                                      TYPE: PRT
CORGANISM: Homo sapiens
US-09-620-461-18
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APPLICANT: Kronma.
APPLICANT: Lauer,
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US-08-724-394A-5
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                                                                                                                                                                                                                                                                                                          218 YSQQLRKVQEGAQILQER----LAETDRH-TFLAGVASLSERLKGKIHETNLTYEDFP 270
                                                                                                                                                                                                                                                                                                                                      271 TSKYTGPLOYTIWK-SLPODIHPVPAALTLDPGTAHORLILSDDCTIVAYGNLHPQP--- 326
                                                                                                                                                                                                                                                                                                                                                                                                                     343 MARGEKSLAYHEWMMALFK----PADVILDPDTANAILLVSEDQRSVQRAE-EPRDXXX 396
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LODSPXRFDVEVSVLGSEAFSSGVHYWEVVVAEKTQWVIGLAHEAASR-KGSIQIQPSRG 385
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  269 INKLQKEKKILSGE-KEPERETREIALKELEKERVQKEEELQVKEK------LQEE 317
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Sequence 10, Application US/09910174B

Patent No. 6630575

GENERAL INFORMATION:

APPLICANT: CAPIE, Anthony J.

APPLICANT: Fraser, Christopher C.

APPLICANT: Fraser, Christopher C.

APPLICANT: Fraser, Christopher C.

APPLICANT: Fraser, Christopher C.

APPLICANT: Manning, Stephen

TITLE OF INVENTION: Family and Uses Thereof

FILE REPREBRENCE: 35800/253694

CURRENT APPLICATION NUMBER: US/09/910,174B

CURRENT PILING DATE: 2001-07-20

PRIOR PPLICATION NUMBER: US/09/910,174B

PRIOR PPLICATION NUMBER: US/09/07-20

NUMBER OF SEQ ID NOS: 32

SEQ ID NOS: 32

LENGTH: 527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               457 YWIMGLIDGNKYRALIEPRINLKLPEPPRKYGIFLDYETGEISFYNAIDGSHIYIF 512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            222 LRKVQEGAQILQERLAETDRHTFLAGVASISBRLKGKIHETNLTYBDFPTSKYTGPLQYT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        386 FYCIVMHDGNQYSACTEPWTRLNVRDKLDKVGVFLDYDQGLLIFYNADDMSWLYTF 441
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12.6%; Score 316.5; DB 4; Length 527;
Best Local Similarity 33.3%; Pred. No. 3.2e-21;
Matches 89; Conservative 38; Mismatches 93; Indels 47
                                                                                                                                                                                                                        Query Match
12.8%; Score 321; DB 2; Length 610;
Best Local Similarity 34.7%; Pred. No. 1.5e-21;
Matches 82; Conservative 45; Mismatches 87; Indels
                                                                                                                                             ; LOCATION: 1..610
; OTHER INFORMATION: /note= "BTF3"
US-08-724-394A-5
LENGTH: 610 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
FEATURE:
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ORGANISM: Homo sapiens
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US-09-910-174B-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     222 LRKVQEGAQILQERLAETDRHTFLAGVASLSERLKGKIHETNLTYEDFPTSKYTGFLQYT
                                                                                                                                                                 RESULT 15
US-09-620-461-10

Sequence 10, Application US/09620461

Sequence 10, Application US/09620461

Sequence 10, Application US/09620461

GENERAL INFORMATION:

APPLICANT: Carser, Christopher C.

APPLICANT: Fraser, Christopher C.

APPLICANT: Manning, Stephen

TITLE OF INVENTION: Family and Uses Thereof

TITLE OF INVENTION: Family and Uses Thereof

TITLE OF INVENTION: 2800-149

TITLE OF INVENTION: 2000-07-20

NUMBER OF SEQ ID NOS: 29

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 10

LENGTH: 527
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12.6%; Score 316.5; DB 4;
Best Local Similarity 33.3%; Fred. No. 3.2e-21;
Matches 89; Conservative 38; Mismatches 93;
                                                  R---EKFPGKLCSYFSPGOSHANGKNV 465
                                                                                       489 RLGCEDSPIFIC----PALTGANGVTV 511
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        442 R---EKFPGKLCSYFSPGQSHANGKNV 465
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          completed: April 13, 2004, 10:45:10
ne : 24 secs
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CRGANISM: Homo sapiens
US-09-620-461-10
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47, Appli 123, Appli 123, Appli 123, Appli 123, Appli 123, Appli 123, Appli 123, Appli 123, Appli 123, Appli 123, Appli 123, Appli 123, Appli 13, Appli 13, Appli 13, Appli 13, Appli 13, Appli 13, Appli 13, Appli 13, Appli 13, Appli 13, Appli 13, Appli 14, Appli 15, Appli 16, Appli 17, Appli 18,

Sequence Sequence Sequence

Sequence Seq

Sequence 1 Sequence 1 Sequence 1

Sequence Sequence Sequence Sequence Sequence

Sequence 3 Sequence 3 Sequence 3

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1 AGGCTGCGCTGGACCGAAGCGGTGGCTGCTAAGCTCGCGGGGGTAAGGGGGTCGCGCTGGG
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US-09-277-091-3
Sequence 3, Application US/09927091
Sequence 3, Application US/09927091
Sequence 3, Application US/09927091
Sequence 3, Application US/09927091
Sequence 4. USC0020119541A1
APPLICANT: KILLARY, ANN
APPLICANT: LOTT, STEVE
APPLICANT: LOTT, STEVE
CHRENT CHANDLER, DAWN
STITLE OF INVENTION: THE TUNOR SUPPRESSOR CAR-1
FILE REFERENCE: UTSC:651US
CURRENT PAPLICATION NUMBER: 00/227,091
CURRENT FILING DATE: 2000-08-29
PRIOR APPLICATION NUMBER: 60/225,033
PRIOR FILING DATE: 2000-08-10
SOFFWARE: Patentin Ver: 2.1
SOFFWARE: Patentin Ver: 2.1
US-10-032-393-47
US-10-047-393-8
US-10-047-393-8
US-10-145-123
US-10-145-123-123
US-10-144-99-123
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100.0%; Score 3826;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 3826; Conservative 0; Mismatches
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; ORGANISM: Human
US-09-927-091-3
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Sequence 7, Appli
Sequence 8, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 10, Appli
Sequence 7211, Ap
Sequence 7211, Ap
Sequence 718, Ap
Sequence 2362, A
Sequence 215, App
Sequence 277, App
Sequence 225, App
                                                                                                                 April 13, 2004, 11:31:13 ; Search time 1269 Seconds (without alignments) 11310.553 Million cell updates/sec
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1. /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
2. /cgn2_6/ptodata/2/pubpna/PCT_NEW PUB.seq:*
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                   GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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9 US-09-927-091-7

9 US-09-927-091-8

9 US-09-927-091-6

19 US-09-927-091-6

19 US-09-927-091-6

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12 US-09-864-761-7231

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14 US-09-864-761-789-1459

15 US-10-109-988-18

15 US-10-100-988-18

15 US-10-100-988-18

15 US-10-100-988-277

18 US-10-100-988-277

19 US-09-731-812-25

10 US-09-876-888-88-88
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Maximum Match 100%
Listing first 45 summaries
                                                                                    - nucleic search, using sw model
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Maximum DB seq length: 2000000000
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Match Length
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2332822
22328822
2235886
2995.8
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6038.6
1360.2
122.4
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Gaps

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240 300 300
300 360
360 420 420
CAGCC 420         CAGCC 420 CAGCC 420 GTAGC 480
O
GCGCACCCTTCCTCCCTCCCTTCCGGACAGCACCCCCTCCCT
CTCCCTTC
  GGCGTCC  ACCCCCT
CCTCCCCGTCAGGATCTCCGTCCTCAGCCGCTCACAGCCTCCTCCAGGGCCCATCGCCCTCCTCCTCCTCCAGGGCCCATCGCCCTCCTCCGTCGTCGTCGTCGTCGTCGTCGTCGTCG
CCCGCTCCGGGATCCCCTTCTCCCAGCTCCTATCCCTTAGGACTGCCCCGCCCCTAGAA
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CACCGC TTCTCC TTCTCCC CCGTC CCGTC TCTAG TCTAG
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PAPLICANT: LILARY, ANN
APPLICANT: LOTT, STEVE
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CURRENT PILLNG UNCE: 611US
CURRENT PILLNG DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 60/227,560
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PRIOR APPLICATION NUMBER: 60/225,033
PRIOR PILING DATE: 2000-08-10
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver: 2.1
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Best Local Similarity 97.5%;
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: LOTT, STEVE
APPLICANT: CHANDLER, DAWN
TITLE OF INVENTION: THE TUMOR SUPPRESSOR CAR-1
FILE REPRENCE: UTCC:651US
CURRENT APPLICATION NUMBER: US/09/927,091
CURRENT PILING DATE: 2001-08-09
PRIOR FILING DATE: 2000-08-09
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-08-03
PRIOR FILING DATE: 2000-08-10
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PATENTIN VET: 2.1
SEQ ID NO 5
LENGTH: 30625
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ORGANISM: Human
FEATURE:
NAME/KEY: modified_base
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                                                                     24524 TTGAGCTGCCCACTACCTCTAGACTGCCCTCCCGGGCTGGCGTCCCACGGAGTCTCAGCC
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Pred. No. 2.2e-218;
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Sequence 4, Application US/09927091

Sequence 4, Application US/09927091

GENERAL INFORMATION:

APPLICANT: KILLARY, ANN

APPLICANT: LOTT, STEVE

APPLICANT: CHANDLER, DAWN

ITILE OF INVENTION: THE TUMOR SUPPRESSOR CAR-1

FILE REPRESNOE: UTSC:65108

CURRENT APPLICATION NUMBER: 60/27, 091

CURRENT FILING DATE: 2001-08-09

PRIOR APPLICATION NUMBER: 60/227, 560

PRIOR APPLICATION NUMBER: 60/227, 560

PRIOR RILING DATE: 2000-08-23

PRIOR RILING DATE: 2000-08-23

NUMBER: OF SEQ ID NOS: 9

SOFTWARE: PATENTIN VOY: 2.1
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US-09-927-091-4
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LENGTH: 49744
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US-09-927-091-4
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Sequence 100265, Application US/10027632
Publication No. US2003020407549
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE OF INVENTION: Polymorphisms in the Human Genome
FILE OF INVENTION: POLYMorphisms in the Human Genome
FILE OF INVENTION: POLYMORPHISMS in the Human Genome
FILE SPECIALION OF STATES 108827.129
CURRENT APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-11-23
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PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-10-28
SOFTWARRE: FasteSQ for Windows Version 4.0
SEQ ID NO 100265
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Pred. No. 1.5e-156;
1; Mismatches 0;
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99.8%;
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Best Local Similarity 99.8
Matches 609; Conservative
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US-10-027-632-100265
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APPLICANT: Pend, Nature G.
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70 AATTAGGACCCAAGCACTGGGGCGCTGTTGGCTRGACCCCTTGTCAGACTTGGCATCT 11
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DIN PLACENTA, SIGNAL = 4.2
DIN HEART, SIGNAL = 3.9
DIN FETAL LIVER, SIGNAL = 4.5
DIN BRAIN, SIGNAL = 4.6
DIN BONE MARROW, SIGNAL = 4.2
DIN ADULT LIVER, SIGNAL = 4.2
DIN HELA, SIGNAL = 4.1
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1763 ACTGCATCGTGATGCACGATGGCAACCAGTACAGCGCCTGCACGGAGCCCTGGACGCGGC 1822
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OTHER INFORMATION: MAP TO AC022262.3
OTHER INFORMATION: EXPRESED IN LUNG, SIGNAL = 4.8
OTHER INFORMATION: EXPRESED IN PLACENTA, SIGNAL = 3.9
OTHER INFORMATION: EXPRESED IN PLACENTA, SIGNAL = 3.9
OTHER INFORMATION: EXPRESED IN BRAIN, SIGNAL = 4.5
OTHER INFORMATION: EXPRESED IN BRAIN, SIGNAL = 4.5
OTHER INFORMATION: EXPRESED IN BOUND MARKOW, SIGNAL = 4.1
OTHER INFORMATION: EXPRESED IN ADULT LIVER, SIGNAL = 4.1
OTHER INFORMATION: EXPRESED IN HELA, SIGNAL = 3.2
OTHER INFORMATION: STATESPROT HIT: Q02084, EVALUE 5.00e+00
INFORMATION: WITH IT: Q111423970, EVALUE 0.00e+00
US-09-864-761-23962
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SEQ ID NO 23962
LENGTH: 431
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11.3%; Score 431; DB 9; L
Best Local Similarity 100.0%; Pred. No. 1.3e-107;
Matches 431; Conservative 0; Mismatches 0;
PRIOR APPLICATION NUMBER: PCT/USO1/00667
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR PLING DATE: 2001-01-30
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ORGANISM: Homo sapiens
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                                                                                                                                                                         1602 CTTCGAIGIGGAGGIGICGGIGCIGGGITCIGAAGCCTICAGIAGIGGCGICCACTACIG 1661
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                                                                                                                                                                                                                                                                                                                                                                                                                                     453 CCGCAAGGGCAGCATCCAGATCCAGCCCAGCGGGCTTCTACTGCATCGTGATGCACGA 394
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                                                                                                                    1; Gaps
                                                                Length 573;
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                                                       14.7%; Score 562; DB 9; L 99.8%; Pred. No. 1.7e-143; vative 0; Mismatches 0;
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                                                    Query Match
Best Local Similarity 99.8<sup>†</sup>
Matches 573; Conservative
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US-09-864-761-23962/c
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4.2%; Score 160.2; DB 15;
Best Local Similarity 48.9%; Pred. No. 6.8e-33;
Matches 663; Conservative 0; Mismatches 648;
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US-2011-10-094-749-1459

Sequence 1459, Application US/10094749

Publication No. US-0030019741A1

APPLICANT: SUGIYAMA, TOMOYASU

APPLICANT: SUGIYAMA, TOMOYASU

APPLICANT: SATO, HIROYUKI

APPLICANT: SATO, HIROYUKI

APPLICANT: SHIL, SHIZUKO

APPLICANT: SHIL, SHIZUKO

APPLICANT: SONO, YUNKO

APPLICANT: ISONO, YUNKO

APPLICANT: TAMECHIKA, ICHIRO

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CORGANISM: Homo sapiens
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CURRENT APPLICATION NUMBER: US/10/120,988
CURRENT FILING DATE: 2002-04-11
PRIOR PILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 441
SOFTWARE: PLE Genes Version 2.0
LENGTH: 3038
                                                                                                                                                                                               TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                   FEATURE:

, NAME/KEY: CDS

, LOCATION: (1)...

US-10-120-988-277
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; sequence 418, Application US/09764868
; Patent No. US20020168711A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PTZ32
; CURRENT APPLICATION NUMBER: US/09/764,868
; CURRENT PILING DATE: 2001-01-17
; Prior application ada removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1510
; SCOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 418
; TYPE: NNN
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Publication No. US20030219745A1

GENERAL INFORMATION:

APPLICANT: Tang, Y. Tom

APPLICANT: Liu, Chenghua

APPLICANT: Wang, Dunrul

APPLICANT: Nang, Dunrul

APPLICANT: Nang, Dunrul

APPLICANT: Peiyan

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Best Local Similarity 54.9%;
Matches 269; Conservative
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US-10-120-988-277
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Sequence 103, Application US/10104047

Publication No. US20030236392A1

GENERAL INFORMATION:

APLICANT: HELIX RESEARCH INSTITUTE

TITLE OF INVENITON: No. US20030236392A1e1 full length cDNA

FILE REFERENCE: H1-A0105

CURRENT APPLICATION NUMBER:

PRIOR PPLICATION NUMBER:

PRIOR PPLICATION NUMBER:

NUMBER OF SEQ ID NOS: 4096

SOFTWARE: Patentin Ver: 2.1

SEQ ID NO 103

LENGTH: 1904
                                                                                                                              1486 GCCGCCCTAACCCTGGACCCGGGCACAGCCCACCAGCGCCTGATCCTG
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                                   Best Local Similarity
Matches 265; Conserv
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US-10-104-047-103
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; TYPE: DNA
GRGANISM: Homo sapiens
; FEATURE:
; NAME/KEX: CDS
; LOCATION: 171..1670
US-09-731-872-225
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US-09-731-872-225
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Sequence 225, Application US/09731872

| Sequence 225, Application US/09731872
| Patent No. US20020102604A1
| GENERAL INPORMATION:
| APPLICANT: Dumas Milne Edwards, Jean Baptiste
| APPLICANT: Dumas Milne Edwards, Jean Baptiste
| APPLICANT: Dumas Milne Edwards, Jean Baptiste
| APPLICANT: Jobert, Severin
| TITLE OF INVENTION: FULL-LINGTH HUMAN CDNAS ENCODING POTENTIALLY SECRETED PROTEINS
| FILE REFERENCE: 78.US.REG
| CURRENT FILING DATE: 2000-12-07
| PRIOR APPLICATION NUMBER: US 60/169,629
| PRIOR APPLICATION NUMBER: US 60/169,629
| PRIOR APPLICATION NUMBER: US 60/187,470
| PRIOR PILING DATE: 2000-30-06
| NUMBER OF SEQ ID NOS: 482
| SOFTWARE: Patent.pm
| SEQ ID NO 225
| FURNATION 10 225
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CGCGCATTGGCCTTTACCTGAGCTTCGGCGACGGCGTCCTCTTCCTACGATGCCAGCG 1020
                                                                 ACATGICCTGGCTCTACACCTT-----CCGCGAGAAGTICCCTGGCAAGCTCTGCTCTT 1957
                                                                                                                                                                                                                                                            1081 CCTTCTTCGACGTGTGCTGGCACGACACGACAAGAATGCCCAGCCGCTGCTGCTC 1136
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3.2%; Score 122; DB 9; Length 17
Best Local Similarity 51.9%; Pred. No. 1.9e-22;
Matches 300; Conservative 0; Mismatches 275; Indels
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US-09-876-997-225

US-09-876-997-225

US-09-876-997-225

Sequence 255, Application US/09876997

Sublication No. US20030152921A1

GENERAL INFORMATION:

APPLICANT: Dumas Milne Edwards, Jean Baptiste

APPLICANT: Dumas Milne Edwards, Jean Baptiste

APPLICANT: Dobert, Severin

TITLE OF INVENTION: FULL-LENGTH HUMAN CDNAS ENCODING POTENTIALLY SECRETED PROTEINS

FILE REFERENCE: 78.US4.CIP

CURRENT APPLICATION NUMBER: US/09/876,997

CURRENT FILING DATE: 2000-12-07

PRIOR PLIING DATE: 2000-12-07

PRIOR PLIING DATE: 2000-12-07

PRIOR PLIING DATE: 1999-12-08

NUMBER OF SEQ ID NOS: 482

SEQ ID NO 225

LENGTH: 1739

TENDER APPLICATION OF SEQ ID NOS: 482

SEQ ID NO 225

LENGTH: 1739
                                   1547 TAAAACCATGACTCACATTTACACCTTCAGTAACACTTTCATGGAGAAACTTTATCCCTA 1606
  1899 TGATGACATGTCCTGGCTCTACACCTTCCGCGAGAAGTTCCCTGGCAAGCTCTGCTCTTA 1958
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3.2%; Score 122; DB 10; Length 1739; ilarity 51.9%; Pred. No. 1.9e-22; Conservative 0; Mismatches 275; Indels 3.
                                                                                               1959 CTTCAGCCCTGGCCAGAGCCACGCCAATGGCAAGAACG 1996
                                                                                                                                                1607 circrecerecerrangarearagadadanaaa 1644
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 300; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; FEATURE:
; NAME/KEY: CDS
; LOCATION: 171..1670
US-09-876-997-225
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